

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031710.D
 Acq On : 27 Sep 2022 18:30
 Operator : JC/MD
 Sample : N4841-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-5

Quant Time: Sep 28 06:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

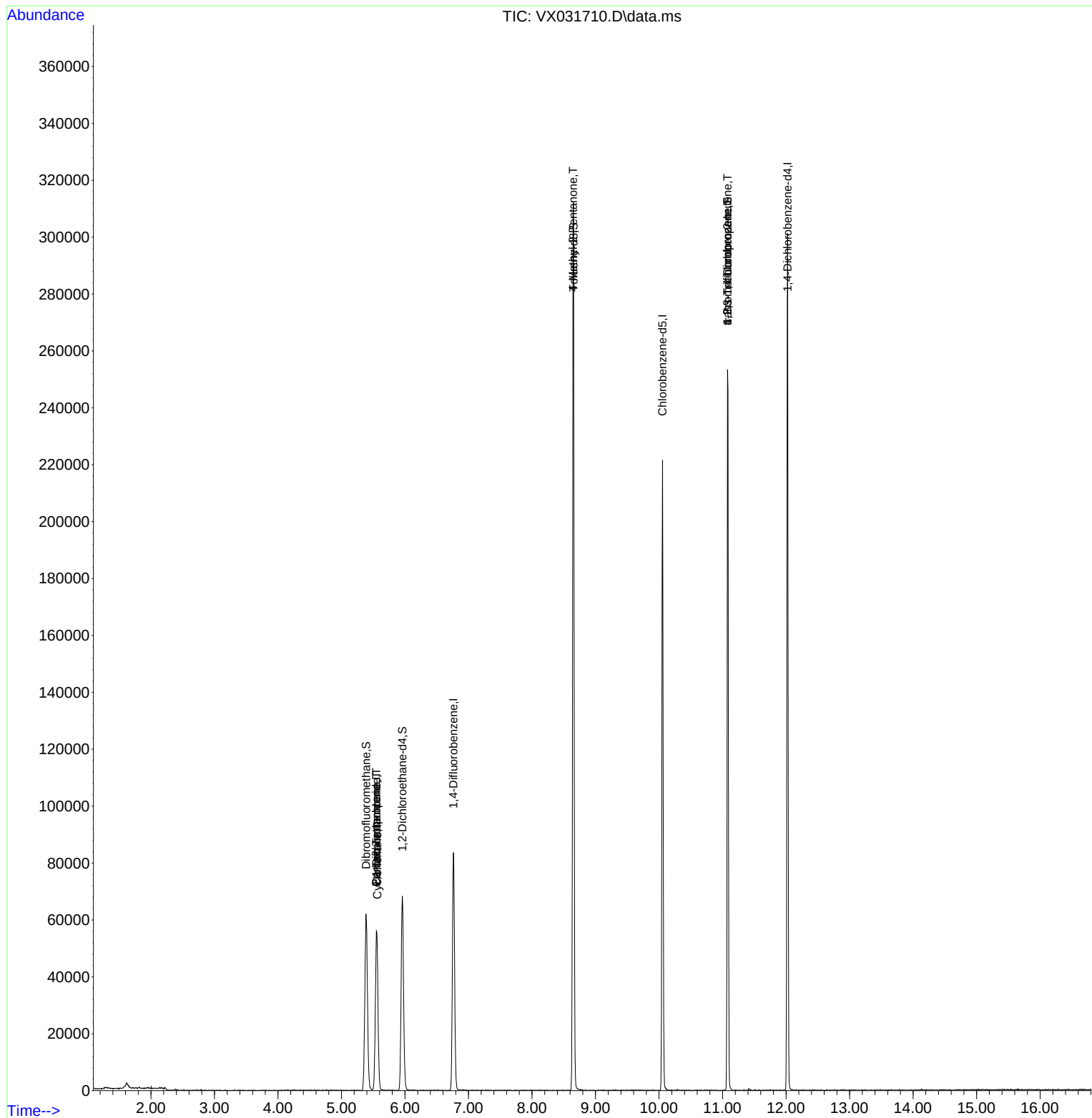
Internal Standards						
1) Pentafluorobenzene	5.550	168	53400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64769	57.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.300%
35) Dibromofluoromethane	5.385	113	50884	49.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.653	98	187064	49.997	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	63211	46.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.200%
Target Compounds						
5) Bromomethane	1.624	94	261	Below Cal	Qvalue 87	
6) Chloroethane	1.831	64	31	Below Cal	#	43
13) Acrolein	2.063	56	21	Below Cal	#	15
16) Acetone	2.392	43	536	Below Cal	#	45
20) Methylene Chloride	2.794	84	104	Below Cal	#	4
31) Cyclohexane	5.562	56	1195	1.109	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	4109	3.467	ug/l #	50
38) Carbon Tetrachloride	5.550	117	5479	4.102	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	713	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35118	32.193	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35118	105.889	ug/l #	11

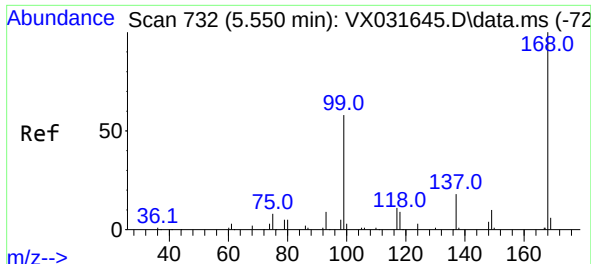
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

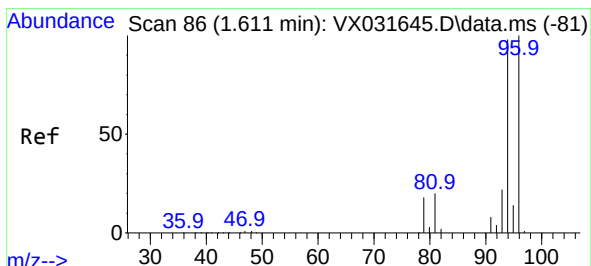
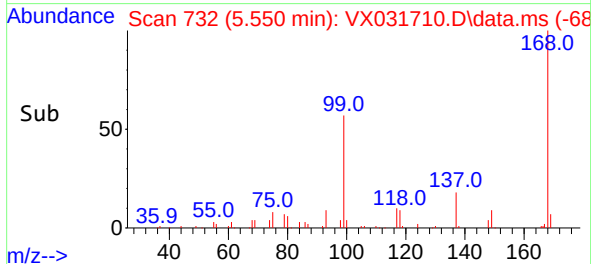
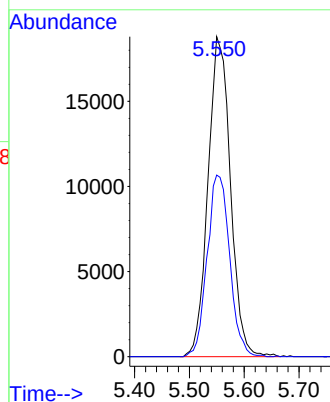
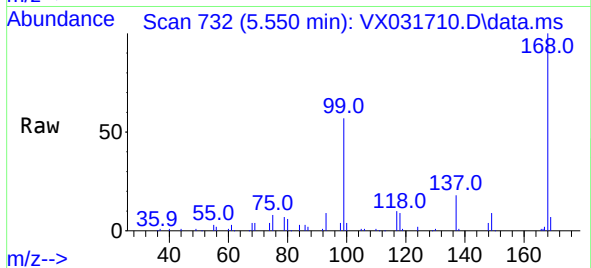




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

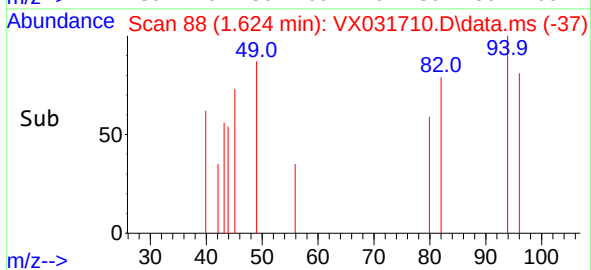
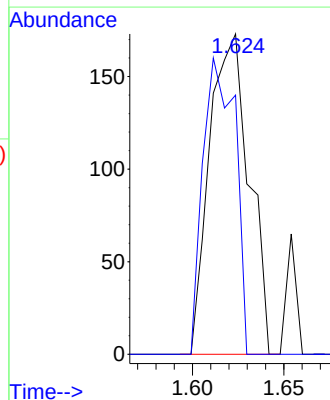
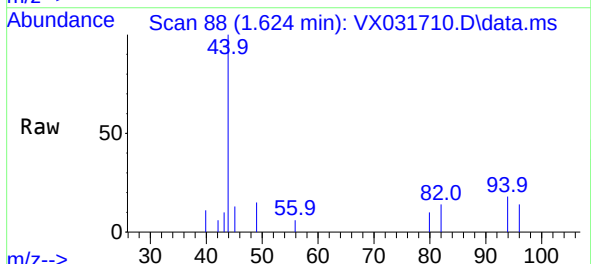
Instrument :
MSVOA_X
ClientSampleId :
252672-5

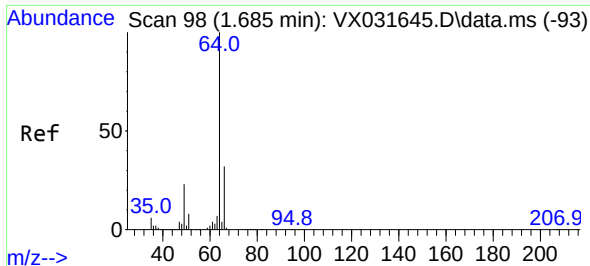
Tgt Ion:168 Resp: 53400
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 80.9 74.4 111.6

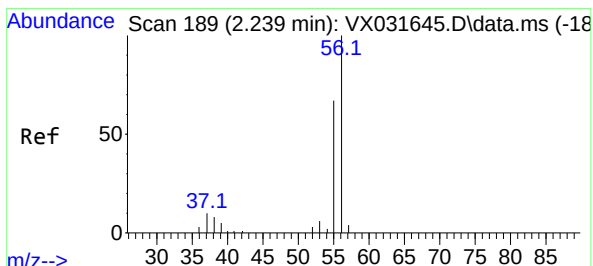
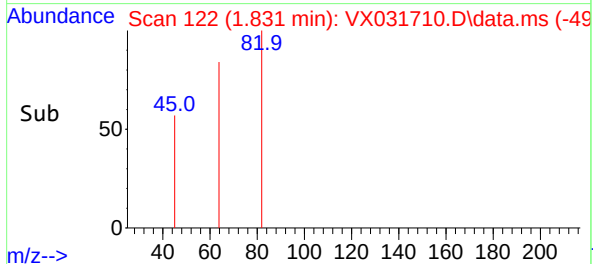
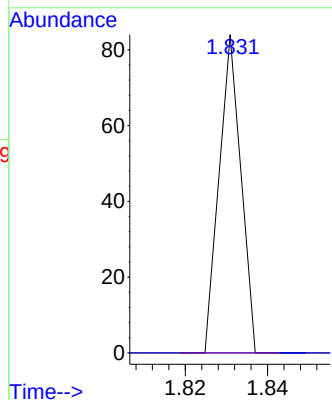
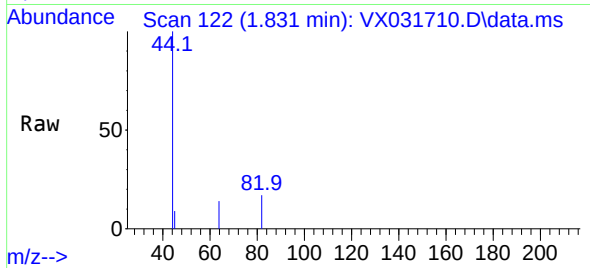




#6
Chloroethane
Concen: Below Cal
RT: 1.831 min Scan# 11
Delta R.T. 0.146 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

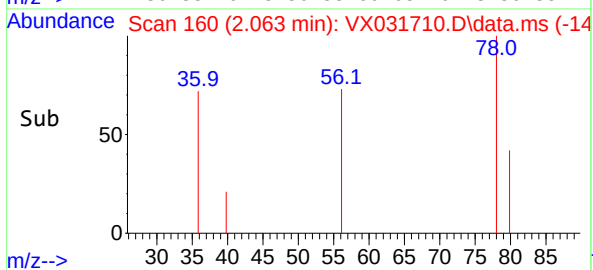
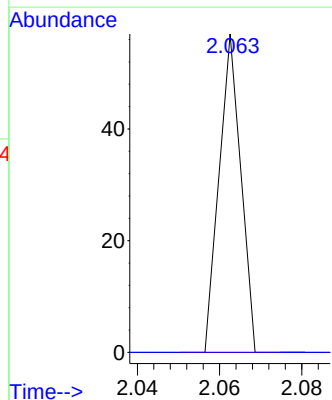
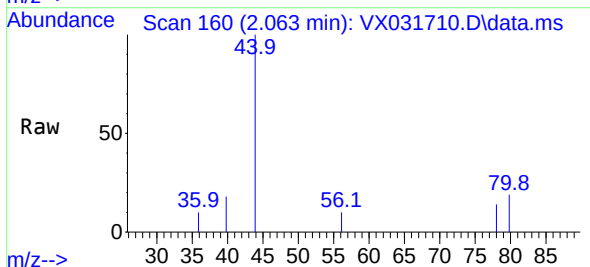
Instrument :
MSVOA_X
ClientSampleId :
252672-5

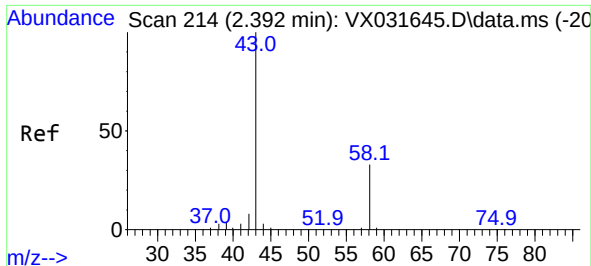
Tgt Ion: 64 Resp: 31
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#13
Acrolein
Concen: Below Cal
RT: 2.063 min Scan# 160
Delta R.T. -0.176 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

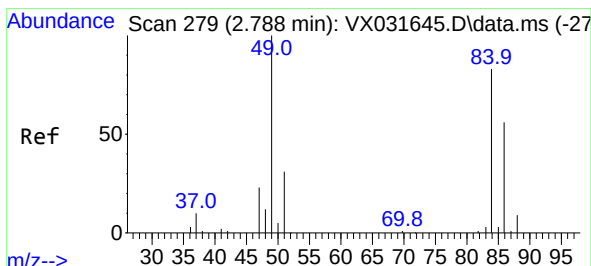
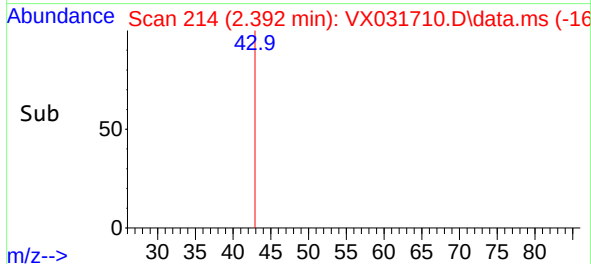
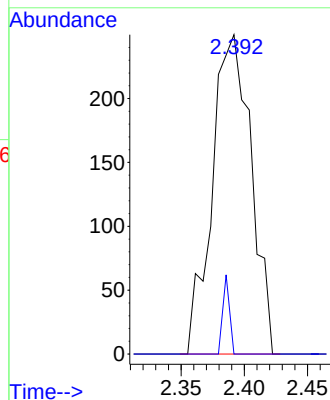
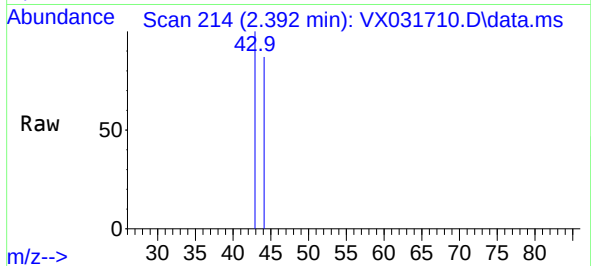




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

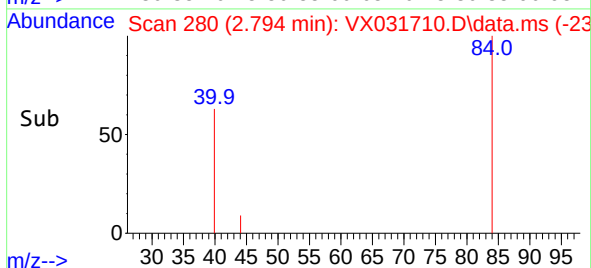
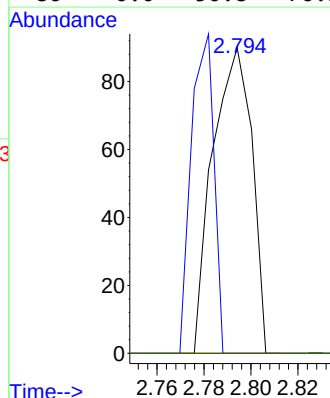
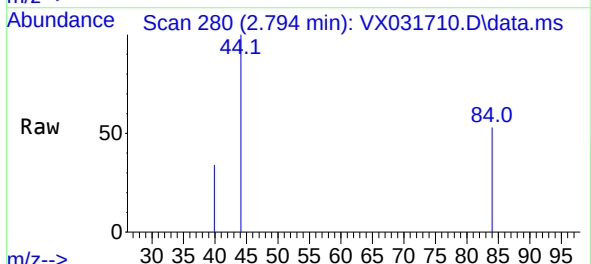
Instrument :
MSVOA_X
ClientSampleId :
252672-5

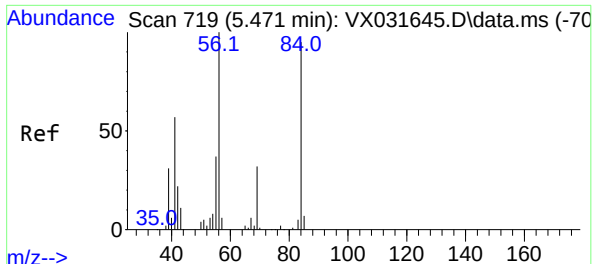
Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

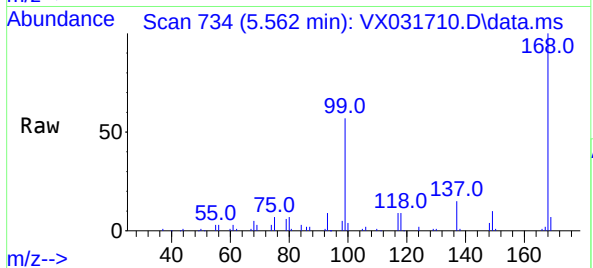
Tgt Ion: 84 Resp: 104
Ion Ratio Lower Upper
84 100
49 0.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



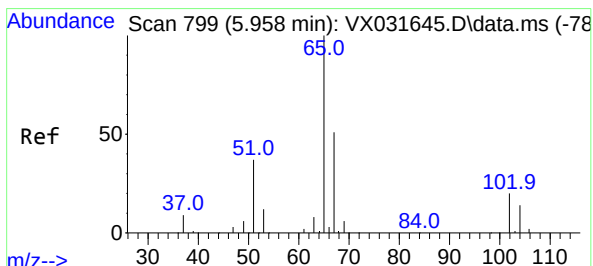
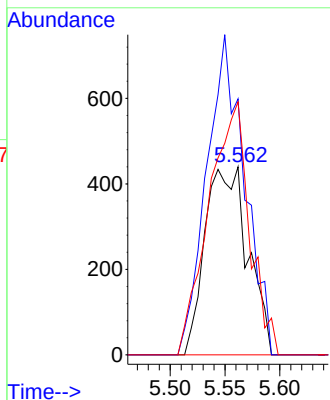
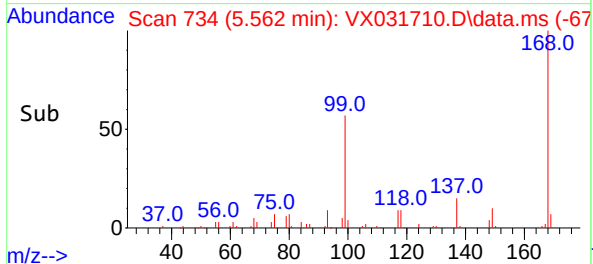


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :
252672-5

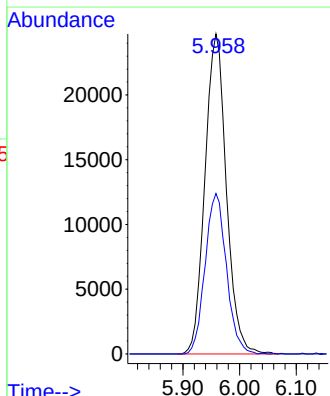
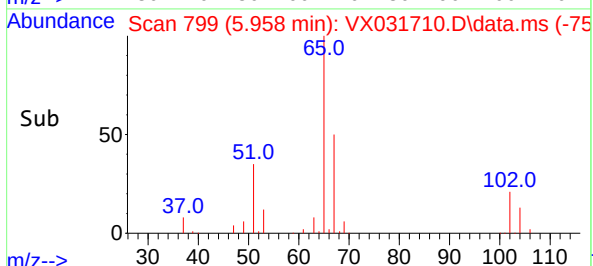
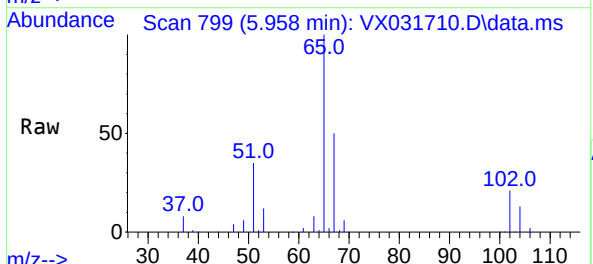


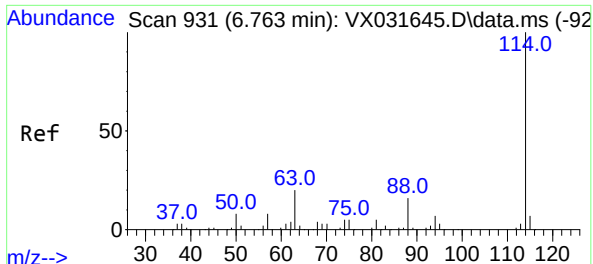
Tgt Ion: 56 Resp: 1195
Ion Ratio Lower Upper
56 100
69 136.1 25.1 37.7#
84 134.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 57.147 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 65 Resp: 64769
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.4

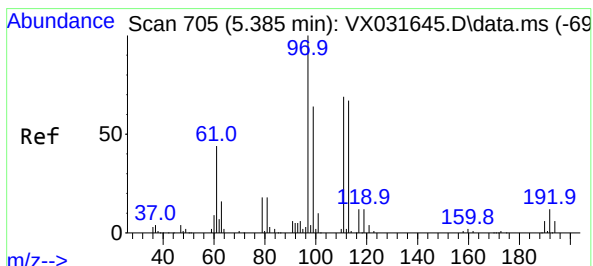
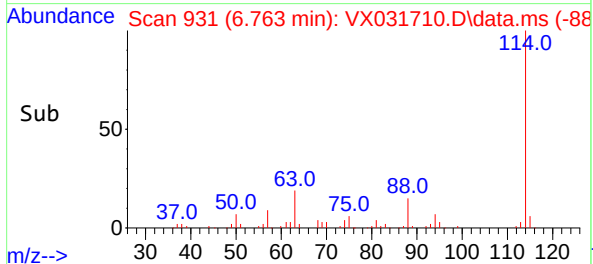
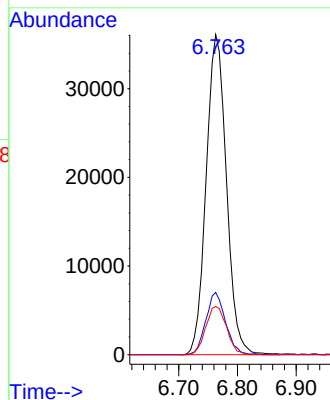
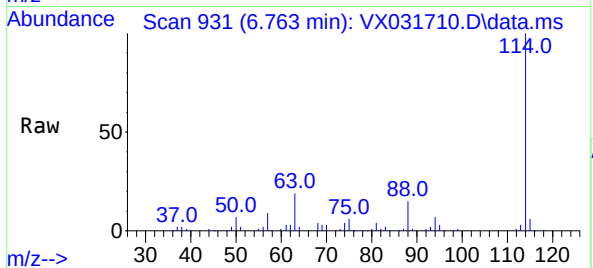




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

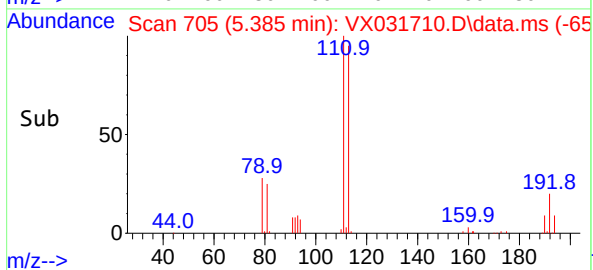
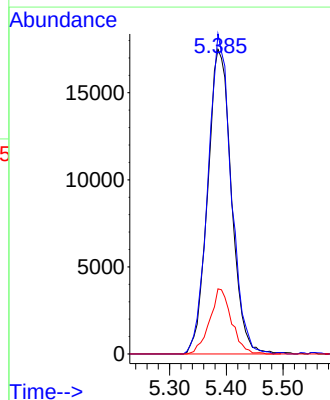
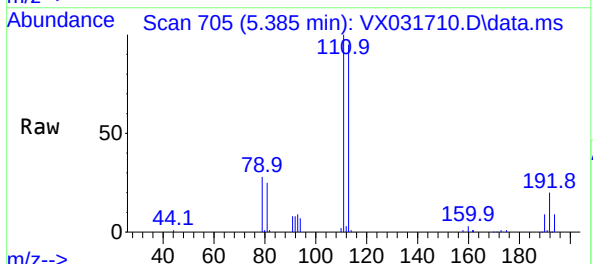
Instrument :
MSVOA_X
ClientSampleId :
252672-5

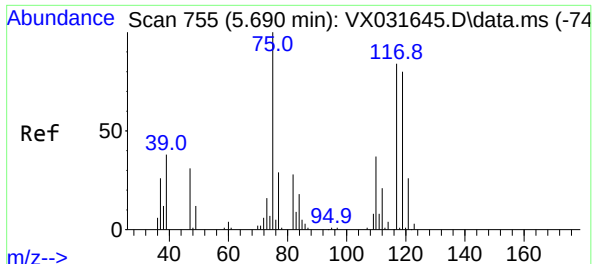
Tgt Ion:114 Resp: 86613
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.306 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion:113 Resp: 50884
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.7 14.1 21.1

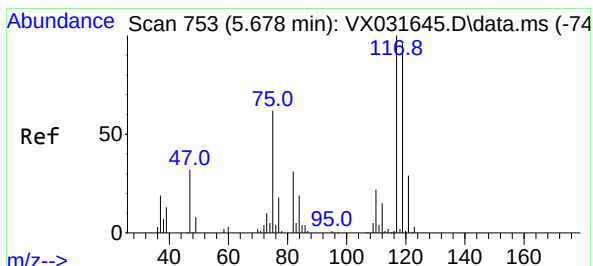
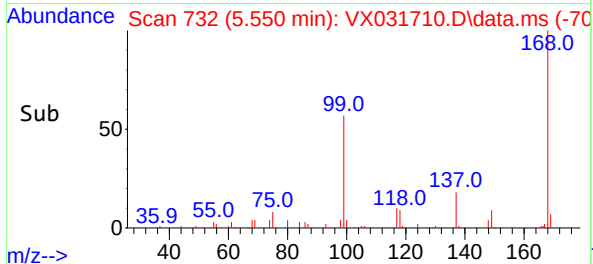
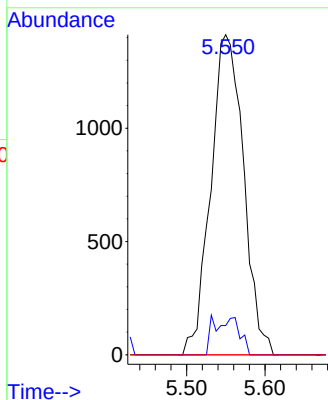
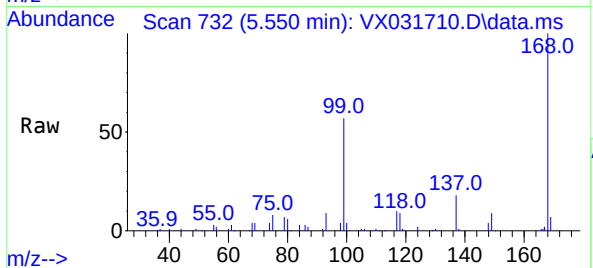




#36
1,1-Dichloropropene
Concen: 3.467 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

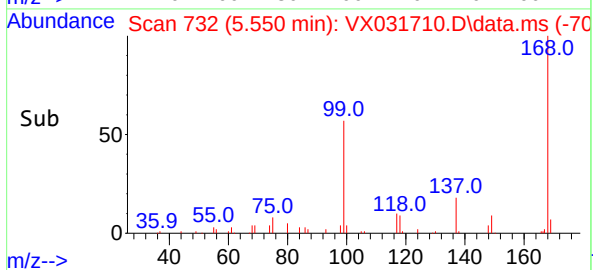
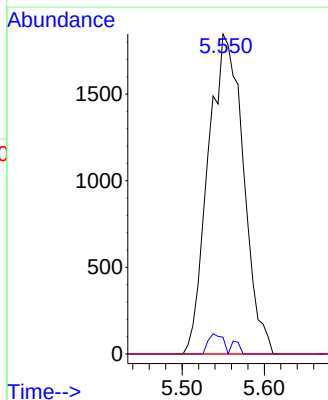
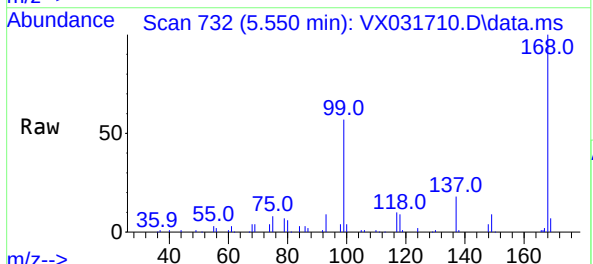
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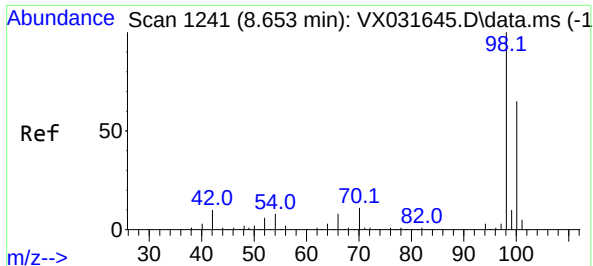
Tgt Ion: 75 Resp: 4109
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.102 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 117 Resp: 5479
Ion Ratio Lower Upper
117 100
119 5.3 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.997 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031710.D

Acq: 27 Sep 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

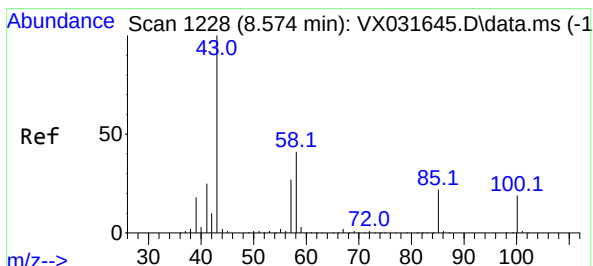
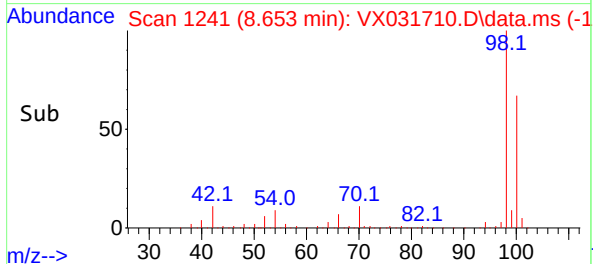
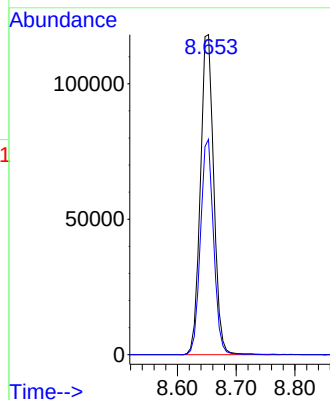
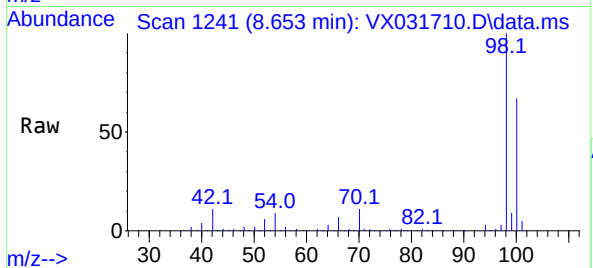
252672-5

Tgt Ion: 98 Resp: 187064

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.599 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031710.D

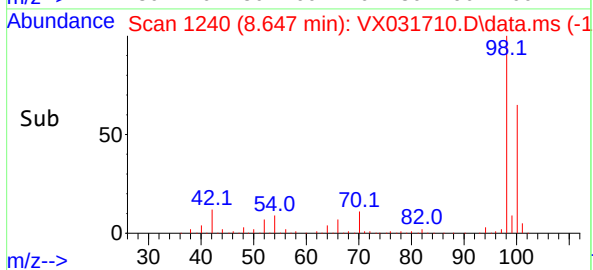
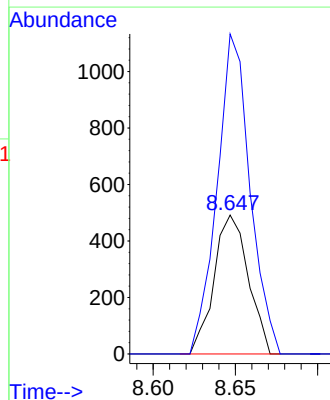
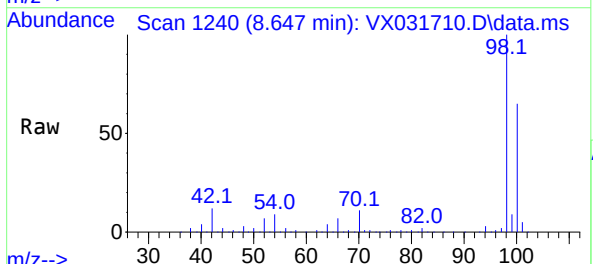
Acq: 27 Sep 2022 18:30

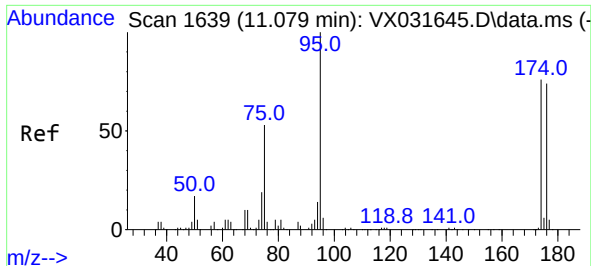
Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

58 221.6 30.6 46.0#

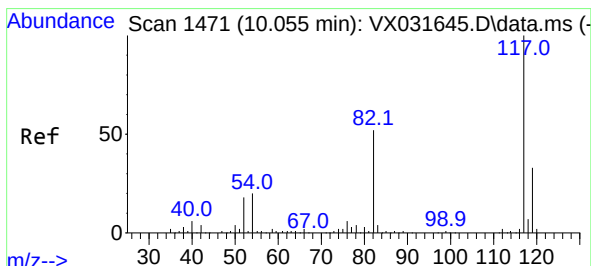
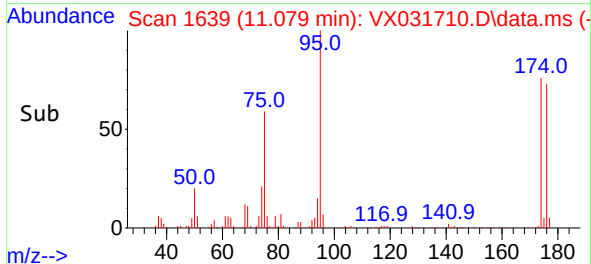
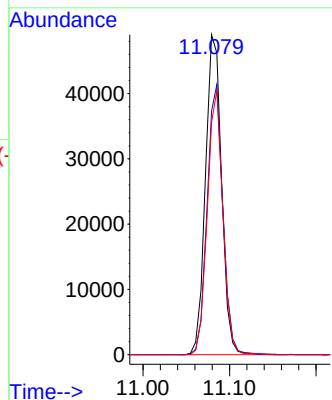
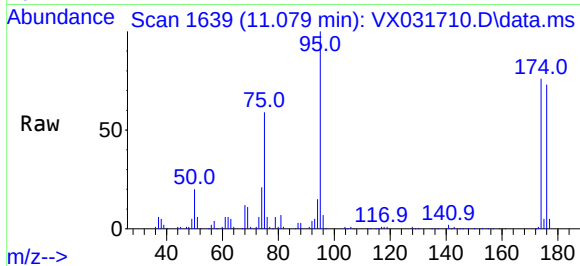




#62
4-Bromofluorobenzene
Concen: 46.095 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

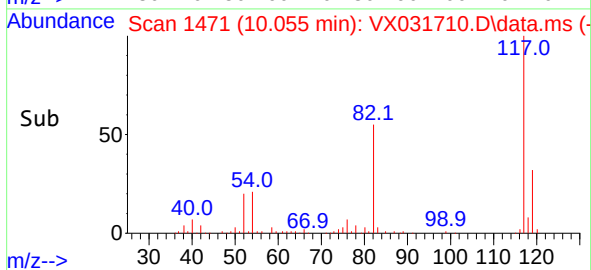
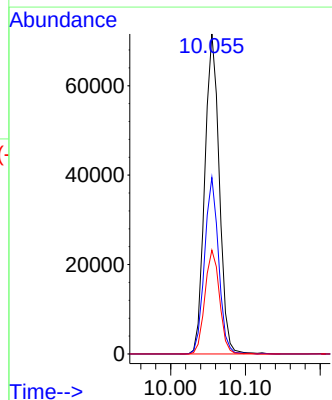
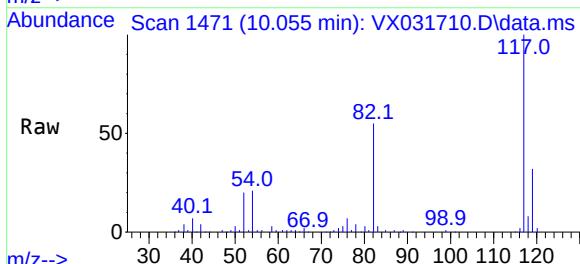
Instrument :
MSVOA_X
ClientSampleId :
252672-5

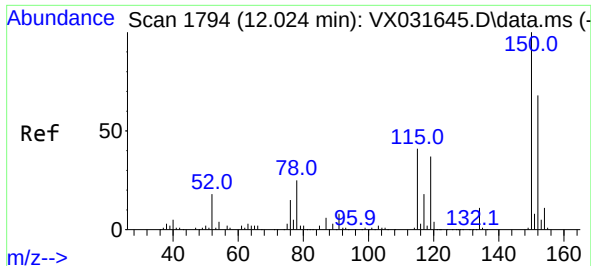
Tgt Ion: 95 Resp: 63211
Ion Ratio Lower Upper
95 100
174 82.8 0.0 153.2
176 79.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 117 Resp: 96415
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 32.4 26.4 39.6

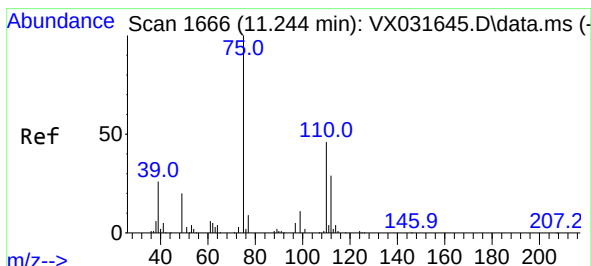
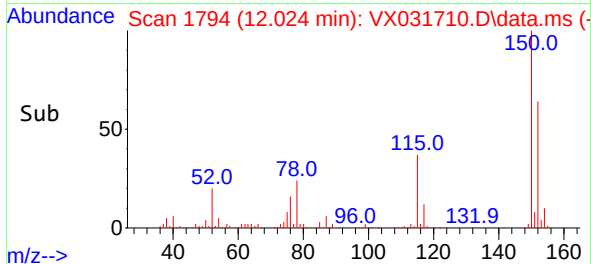
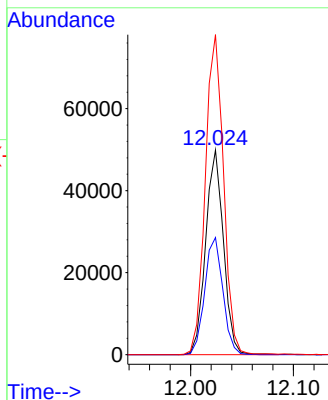
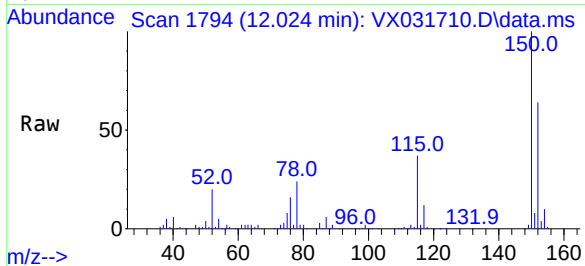




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

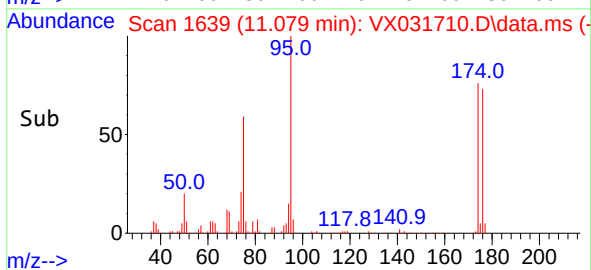
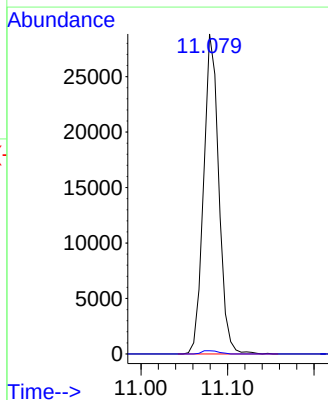
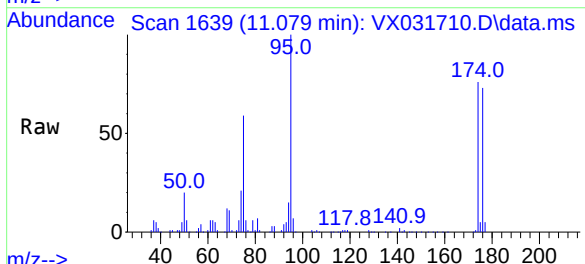
Instrument :
MSVOA_X
ClientSampleId :
252672-5

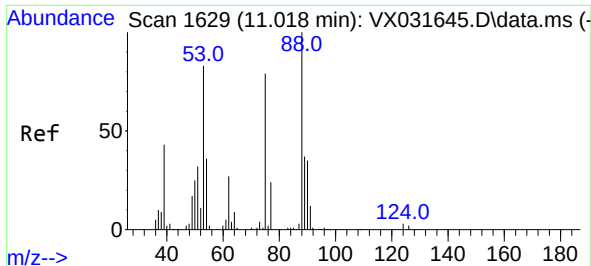
Tgt Ion:152 Resp: 60172
Ion Ratio Lower Upper
152 100
115 58.3 43.4 130.1
150 160.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 32.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031710.D
Acq: 27 Sep 2022 18:30

Tgt Ion: 75 Resp: 35118
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.889 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031710.D
 Acq: 27 Sep 2022 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-5

Tgt Ion: 75 Resp: 35118
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

